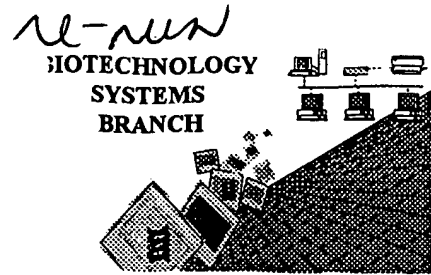


M. DAVIS



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/993,382B  
Source: OIPK  
Date Processed by STIC: 8/15/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 04/24/2003



OIPE

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

2 <110> APPLICANT: Heston, Warren D.W.  
 3 O'Keefe, Denise S.  
 5 <120> TITLE OF INVENTION: DNA Encoding the Prostate-Specific Membrane  
 6 Antigen-Like Gene and Uses Thereof  
 8 <130> FILE REFERENCE: D6230

C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/973,382B

11 <141> CURRENT FILING DATE: 2001-10-09

13 <150> PRIOR APPLICATION NUMBER: PCT/US00/09417

14 <151> PRIOR FILING DATE: 2000-04-09

16 <160> NUMBER OF SEQ ID NOS: 38

18 <210> SEQ ID NO: 1

19 <211> LENGTH: 1992

20 <212> TYPE: DNA

21 <213> ORGANISM: Homo sapiens

23 <220> FEATURE:

24 <223> OTHER INFORMATION: cDNA sequence of PSMA-like gene

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 29 gatgtcctttt ttgttaggcc taatgacaaa aggttgaaga taaagttcta 150  
 30 gtactcatttt aagtgtataa ttgaaaattg atattaccaa atctggaaca 200  
 31 accaattttaa aataaggaaa gaaagacact gtgttttcta ggtaaaaaat 250  
 32 gccagctggg cagggggccaa aggagtcatt ctctactcag accctgctga 300  
 33 ctactttgct cctgggggtga agtcctatcc agacggttgg aatcttctg 350  
 34 gaggtggtgt ccagcgtgga aatattcctaa atctgaatgg tgcaggagac 400  
 35 cctctcacac caggttaccc agcaaatgaa tacgcttata ggcatggaat 450  
 36 tgcagaggct gttggtcttc caagtattcc tgttcatcca gttggatact 500  
 37 atgatgcaca gaagctccta gaaaaaatgg gtggctcagc accaccagat 550  
 38 agcagctgga gaggaagtct caaagtgtcc tacaatgttg gacctggctt 600  
 39 tactggaaac ttttctacac aaaaagtcaa gatgcacatc cactctacca 650  
 40 atgaagtgcac gagaattttac aatgtgatag gtactctcag aggagcagtg 700  
 41 gaaccagaca gatattgtcat tctgggagggt caccgggact catgggtgtt 750  
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 47 acaccactga tgtacagctt ggtatacaac ctaacaaaag agctgaaaag 1050  
 48 ccctgatgaa ggctttgaag gcaaatctct ttatgaaagt tggactaaaa 1100  
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 51 cagagcacgg tatactaaaa attgggaaac aaacaaattc agcggctatc 1250  
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Does Not Comply  
 Corrected Diskette Needed

P.3

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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55 atgctgtagt tttaagaaag tatgctgaca aaatctacaa tatttctatg 1450
56 aaacatccac aggaaatgaa gacatacagt ttatcatttg attcactttt 1500
57 ttctgcagta aaaaatttta cagaaattgc ttccaagtgc agcgagagac 1550
58 tccaggactt tgacaaaagc aaccacaatat tgttaagaat gatgaatgat 1600
59 caactcatgt ttctggaaag agcatttatt gatccattag ggttaccaga 1650
60 cagacctttt tataggcatg tcactctatgc tccaagcagc cacaacaagt 1700
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63 tggtgcagcc ttcacagtgc aggcagctgc agagactttg agtgaagtag 1850
64 cctaagagga ttctttagag actctgtatt gaatttgtgt ggtatgtcac 1900
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74 <220> FEATURE:
75 <223> OTHER INFORMATION: deduced amino acid sequence of PSMA-like
76 protein
78 <400> SEQUENCE: 2
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81 Lys Val Ser Tyr Asn Val Gly Pro Gly Phe Thr Gly Asn Phe Ser
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83 Thr Gln Lys Val Lys Met His Ile His Ser Thr Asn Glu Val Thr
84 35 40 45
85 Arg Ile Tyr Asn Val Ile Gly Thr Leu Arg Gly Ala Val Glu Pro
86 50 55 60
87 Asp Arg Tyr Val Ile Leu Gly Gly His Arg Asp Ser Trp Val Phe
88 65 70 75
89 Gly Gly Ile Asp Pro Gln Ser Gly Ala Ala Val Val His Glu Thr
90 80 85 90
91 Val Arg Ser Phe Gly Thr Leu Lys Lys Glu Gly Trp Arg Pro Arg
92 95 100 105
93 Arg Thr Ile Leu Phe Ala Ser Trp Asp Ala Glu Glu Phe Gly Leu
94 110 115 120
95 Leu Gly Ser Thr Glu Trp Ala Glu Asp Asn Ser Arg Leu Leu Gln
96 125 130 135
97 Glu Arg Gly Val Ala Tyr Ile Asn Ala Asp Ser Ser Ile Glu Gly
98 140 145 150
99 Asn Tyr Thr Leu Arg Val Asp Cys Thr Pro Leu Met Tyr Ser Leu
100 155 160 165
101 Val Tyr Asn Leu Thr Lys Glu Leu Lys Ser Pro Asp Glu Gly Phe
102 170 175 180
103 Glu Gly Lys Ser Leu Tyr Glu Ser Trp Thr Lys Lys Ser Pro Ser
104 185 190 195
105 Pro Glu Phe Ser Gly Met Pro Arg Ile Ser Lys Leu Gly Ser Gly

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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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110	230	235	240
111 Tyr Pro Leu Tyr His Ser Val Tyr Glu Thr Tyr Glu Leu Val Glu			
112	245	250	255
113 Lys Phe Tyr Asp Pro Met Phe Lys Tyr His Leu Thr Val Ala Gln			
114	260	265	270
115 Val Arg Gly Gly Met Val Phe Glu Leu Ala Asn Ser Ile Val Leu			
116	275	280	285
117 Pro Phe Asp Cys Arg Asp Tyr Ala Val Val Leu Arg Lys Tyr Ala			
118	290	295	300
119 Asp Lys Ile Tyr Asn Ile Ser Met Lys His Pro Gln Glu Met Lys			
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121 Thr Tyr Ser Leu Ser Phe Asp Ser Leu Phe Ser Ala Val Lys Asn			
122	320	325	330
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124	335	340	345
125 Asp Lys Ser Asn Pro Ile Leu Leu Arg Met Met Asn Asp Gln Leu			
126	350	355	360
127 Met Phe Leu Glu Arg Ala Phe Ile Asp Pro Leu Gly Leu Pro Asp			
128	365	370	375
129 Arg Pro Phe Tyr Arg His Val Ile Tyr Ala Pro Ser Ser His Asn			
130	380	385	390
132 Lys Tyr Ala Gly Glu Ser Phe Pro Gly Ile Tyr Asp Ala Leu Phe			
133	395	400	405
134 Asp Ile Glu Ser Lys Val Asp Pro Ser Lys Ala Trp Gly Asp Val			
135	410	415	420
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142 &lt;210&gt; SEQ ID NO: 3

143 &lt;211&gt; LENGTH: 2653

144 &lt;212&gt; TYPE: DNA

145 &lt;213&gt; ORGANISM: Homo sapiens

147 &lt;220&gt; FEATURE:

148 &lt;223&gt; OTHER INFORMATION: nucleotide sequence of human PSMA gene

150 &lt;300&gt; PUBLICATION INFORMATION:

151 &lt;308&gt; DATABASE ACCESSION NO: GenBank Accession No. M99487

152 &lt;309&gt; DATABASE ENTRY DATE:

154 &lt;300&gt; PUBLICATION INFORMATION: 3

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are mandatory  
whenever <308>  
has a response

## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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Output Set: N:\CRF4\08152003\I973382B.raw

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163 atgaagctac taacattact ccaaagcata atatgaaagc atttttggat 450
164 gaattgaaag ctgagaacat caagaagtgc ttatataatt ttacacagat 500
165 accacattta gcaggaacag aacaaaactt tcagcttgca aagcaaattc 550
166 aatcccagtg gaaagaattt ggccctggatt ctgttgagct agcacattat 600
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168 aattaatgaa gatggaaatg agattttcaa cacatcatta tttgaaccac 700
169 ctctccaggg atatgaaaat gtttcggata ttgtaccacc tttcagtgtc 750
170 ttctctcctc aaggaatgcc agagggcgat ctagtgtatg ttaactatgc 800
171 acgaactgaa gacttcttta aattggaacg ggacatgaaa atcaattgct 850
172 ctgggaaaaat tgtaattgcc agatatggga aagttttcag aggaaataag 900
173 gttaaaaatg ccagctgggc aggggccaaa ggagtcattc tctactccga 950
174 ccctgtgac tactttgctc ctggggtgaa gtcctatcca gatgggttga 1000
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176 gcaggagacc ctctcacacc aggttaccca gcaaatgaat atgcttatag 1100
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## RAW SEQUENCE LISTING

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:46

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225                               35          40          45
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227                               50          55          60
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229                               65          70          75
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231                               80          85          90
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235                               110        115        120
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237                               125        130        135
238 Asn Glu Ile Phe Asn Thr Ser Leu Phe Glu Pro Pro Pro Pro Gly
239                               140        145        150
240 Tyr Glu Asn Val Ser Asp Ile Val Pro Pro Phe Ser Ala Phe Ser
241                               155        160        165
242 Pro Gln Gly Met Pro Glu Gly Asp Leu Val Tyr Val Asn Tyr Ala
243                               170        175        180
244 Arg Thr Glu Asp Phe Phe Lys Leu Glu Arg Asp Met Lys Ile Asn
245                               185        190        195
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247                               200        205        210
248 Gly Asn Lys Val Lys Asn Ala Gln Leu Ala Gly Ala Lys Gly Val
249                               215        220        225
250 Ile Leu Tyr Ser Asp Pro Ala Asp Tyr Phe Ala Pro Gly Val Lys
251                               230        235        240
252 Ser Tyr Pro Asp Gly Trp Asn Leu Pro Gly Gly Gly Val Gln Arg
253                               245        250        255
254 Gly Asn Ile Leu Asn Leu Asn Gly Ala Gly Asp Pro Leu Thr Pro
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257                               275        280        285
258 Ala Val Gly Leu Pro Ser Ile Pro Val His Pro Ile Gly Tyr Tyr
259                               290        295        300
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VERIFICATION SUMMARY

DATE: 08/15/2003

PATENT APPLICATION: US/09/973,382B

TIME: 15:17:47

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Output Set: N:\CRF4\08152003\I973382B.raw

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L:154 M:256 W: Invalid Numeric Header Field, Identifier <309> Expected, SEQ:3